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PRODUCE NEW EQUIPMENT FOR USSR AGRICULTURE

GEORGIANS DESIGN NEW FARM MACHINES -- Pravda, No 213, 1 Aug 49

Scientific workers of the Mechanized Experimental Station (meni Professor K. M. Amiradzhibi and the Mechanics Department of the Georgian Agricultural Institute (meni L. P. Beriia) have designed a series of agricultural machines and new equipment. Docents A. Osepaishvili and K. Lezhava designed a new machine, the "Tomol," which has already cleaned thousands of tons of tung trees and has resulted in conservation of a large amount of manpower. Docent D. Tsitaishvili and Engineer Z. Ositashvili have invented a reversible plow with a colter. For cultivating the soil on the steeper slopes of Western Georgia, D. Tsitaishvili, Z. Ositashvili, and A. Dvali have designed a rotary plow. Scientific Associate V. Vashalomidze has adapted an ordinary disk grain seeder to sow corn and soybeans in rows. The seeder was used at the Lanchkhytsakiy MIS with good results.

New machines are also designed for spreading mineral fertilizer. Docent G. Shkhvatsabaya and Aspirant G. Dolidze have designed a two-row fertilizer drill, while Docent S. Chochiya has constructed a one-row drill. These machines are now being made for extensive experimentation and will be produced serially next year.

Workers of the Mechanized Experimental Station have designed a horse-drawn vineyard plow, the "FVV-20." Mass production of this type plow is planned at the Tbilisi "Sel'khoz mashina" plant. -- Reprinted from Zarya Vostoka

MOSCOW PLANT'S PRODUCTION AIDS GRAIN PROCUREMENT -- Vechernyaya Moskva, No 172, 21 Jul 49

The First Grain-Mill and Elevator-Machine-Building Plant is producing machines for grain procurement centers. Mechanical shovels for unloading grain from railroad cars are in mass production. The shovels, powered by electric motors, increase labor productivity 400 to 500 percent.

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The plant is also making new grain blowers (zernozhny). Of which 500 have already been built, ventilate as well as threshing machines. Winches designed to handle railroad cars in sidings are also being produced.

KOLOMNA PLANTS SLOW THRESHER OUTPUT -- Moskovskiy Bol'shevik, No 168, 19 Jul 49

A number of enterprises in Perovo, Balashikha, Kolomna, Khimki, and Krasnogorsk have undertaken the task of producing 1,000 threshing machines this year for Moscow Oblast agriculture. Production of these threshing machines is being hindered by the Kolomna Locomotive-Building Plant (Imeni Kuybyshev), which fails to meet the schedule for delivery of assemblies, delivers imperfect units, and does not always produce completely assembled parts. The Kolomna Heavy-Machine-Tool Plant is also lagging in the delivery of assemblies for threshing machines. It has manufactured only 12 of its July quota of 145 units.

KHARKOV FARM MACHINERY PLANT TOPS PLANS -- Pravda Ukrainy, No 170, 21 Jul 49

The Kharkov "Serp i molot" Agricultural-Machine-Building Plant exceeded its second quarter 1949 plan by 17 percent and its June plan by 32 percent. Production during the second quarter was 79 percent greater than during the corresponding period of 1948. The plant produced hundreds of threshers, grain cleaners, and hulling mills above plan.

This progress has been achieved by establishing new assembly lines and conveyers and by converting more and more machine tools to high-speed operations. Hundreds of dies are in use, 61 parts have been converted from hand to machine molding, and the core and sand-drying sections are completely mechanized. Pistol and electric-rivet welding methods are now used.

KAUNAS PLANT MAKES FARM IMPLEMENTS -- Sovetskaya Litva, No 106, 16 Jul 49

The Kaunas "Pergale" Plant (Ministry of Local Industry) makes plowshares, harrow teeth, construction nails, and wire, as well as consumer goods such as spoons and jars.

"SIBSEL'MASH" SEEKS PERMANENT WORKERS -- Sovetskaya Sibir', No 128, 1 Jul 49

The "Sibsel'mash" (Siberian Agricultural-Machine-Building) Plant needs the following personnel for permanent work: mechanical engineers and technicians, technological engineers and technicians, construction engineers, heat engineers and technicians, and millwork specialists. Terms are fixed by agreement. Apply at the personnel department. -- Advertisement

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